In the Specification

The title has been amended as follows:

--Transgenic Organisms Having Transcriptional Activators With Graded Transactivation Potential--

Please insert into the instant specification substitute pages 38-43 filed herewith, setting forth a revised Sequence Listing, and renumber the pages of the Specification as necessary.

In the Figures

Please replace Figure 1 with the revised Figure 1 enclosed herewith.

In the Claims

Please cancel claim 1 without prejudice.

Please add new claims 32-50, as follows:

--32. A non-human transgenic organism comprising a transgene comprising a nucleic acid molecule encoding a fusion protein which activates transcription, the fusion protein comprising a first polypeptide comprising a DNA binding domain operatively linked to a second polypeptide comprising a transcriptional activation domain, wherein the transcriptional activation domain comprises at least one copy of a mutated acidic region of herpes simplex virus virion protein 16 (HSV VP16), the mutated acidic region consisting of amino acid positions 436 to 447 of HSV VP16 (SEQ ID NO: 1) and having an amino acid substitution at position 442 as compared to wild type HSV VP16, the transgene being in a form suitable for expression of the fusion protein in cells of the non-human transgenic organism.

33. The transgenic organism of claim 32, wherein the mutated acidic region of HSV VP16 has the amino acid sequence of SEQ ID NO: 2.